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Titolo	Clinical exercise pathophysiology for physical therapy : examination, testing, and exercise prescription for movement-related disorders // editor, Debra Coglianese, PT, DPT, OCS, ATC, Clinical Specialist, Mercy Rehab & Wellness Center at Havertown, Pennsylvania, Mentor for Professional Development and Portfolios, Rehabilitation Services, Mercy Fitzgerald Hospital, Darby, Pennsylvania
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Disciplina	615.8/2
Soggetti	Exercise Physical therapy Clinical exercise physiology Physical Therapy Modalities Exercise - physiology Physical Therapy Specialty
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front; Ch01; Ch02; Ch03; Ch04; Ch05; Ch06; Ch07; Ch08; Ch09; Ch10; Ch11; Ch12; Ch13; Financial
Sommario/riassunto	"Clinical Exercise Pathophysiology for Physical Therapy: Examination, Testing, and Exercise Prescription for Movement-Related Disorders is a comprehensive reference created to answer the "why" and the "how" to treat patients with exercise by offering both comprehensive information from the research literature, as well as original patient cases. The chapters present the physiology and pathophysiology for defined patient populations consistent with the American Physical Therapy Association's Guide to Physical Therapy Practice and covers a wide assortment of topics ranging from a review of the cellular metabolic pathways to the discharge summary, with all the connections

in between. Patient cases also supplement the chapters and are included throughout to illustrate how understanding the content in each chapter informs physical therapy examination, testing, and treatment. The patient/client management model from the Guide to Physical Therapy Practice defines the structure of the patient cases and the International Classification of Function, Disability, and Health (ICF) model of disablement has been inserted into each patient case. Highlighted "Clinician Comments" appear throughout each patient case to point out the critical thinking considerations. Clinical Exercise Pathophysiology for Physical Therapy: Examination, Testing, and Exercise Prescription for Movement-Related Disorders is a groundbreaking reference for the physical therapy student or clinician looking to understand how physiology and pathophysiology relate to responses to exercise in different patient populations"--

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Disciplina

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Soggetti

Transportation engineering
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Electric power production
Computer networks
Transportation Technology and Traffic Engineering
Electrical Power Engineering
Computer Communication Networks

Lingua di pubblicazione

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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Electrical Traction and Power Supply of Rail Transportation -- System Safety and Emergency Management -- Rail Transportation Computer Technology -- Rail Transportation and Automatic Control.
Sommario/riassunto	Proceedings of the 2013 International Conference on Electrical and Information Technologies for Rail Transportation (EITRT2013) collects the latest research in this field, including a wealth of state-of-the-art research theories and applications in intelligent computing, information processing, communication technology, automatic control, etc. The objective of the proceedings is to provide a major interdisciplinary forum for researchers, engineers, academics and industrial professionals to present the most innovative research on and developments in the field of rail transportation electrical and information technologies. Contributing authors from academia, industry and the government also offer inside views of new, interdisciplinary solutions.